

CLAIMS

1 1. An audio speaker system for a vehicle having a
2 passenger compartment, a spare tire compartment, a trunk
3 having a trunk floor, a dividing portion and a rear deck, said
4 dividing portion and said rear deck dividing the trunk and the
5 passenger compartment, said audio speaker system comprising at
6 least one low frequency speaker disposed within the trunk of
7 the vehicle at the trunk rear in a location spaced from the
8 passenger compartment by the portion of the trunk extending to
9 the front of said vehicle such that said at least one speaker
10 is clear of the rear deck, above said trunk floor and outside
11 said spare tire compartment.

1 2. An audio speaker system in accordance with claim
2 1, wherein said at least one speaker is disposed in a rearward
3 section of the trunk occupying negligible useful trunk volume
4 to cause a smaller decrease in calculated trunk volume than
5 would occur with said one speaker mounted in said rear deck.

1 3. An audio speaker system in accordance with claim
2 2, wherein said at least one speaker is disposed in a rear
3 trunk corner at the rear of said vehicle.

1 4. An audio speaker system in accordance with claim
2 1, wherein said at least one speaker is mounted in an
3 enclosure.

1 5. An audio speaker system in accordance with claim
2 1, wherein said vehicle is characterized by a front seat
3 frequency response and a rear seat frequency response
4 constructed and arranged to be free of an undesirable peak in
5 the rear seat frequency response of said vehicle between 80-

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- 6 100 Hz and free of an undesirable hole between 60-80 Hz in the
7 front seat frequency response of said vehicle.

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